ELSEVIER

Engineering Geology 38 (1994) 299–300

ENGINEERING GEOLOGY

Contents Volume 38 (1994)

Research papers

A survey of the engineering properties of some anhydrite and gypsum from the north and midlands of England
F.G. Bell 1

A study of soil particle characteristics and post-depositional processes in a Deagon (Queensland, Australia) clay profile
J. W. Sibley 25

A mechanical theory of normal fault orientation
D.J. Gates, P. Hornby and K. B. McKenzie 35

Consolidation and shear strength properties of a lateritic soil
U. Mahalinga-Iyer and D.J. Williams 53

A study of sand stabilization in eastern Saudi Arabia
S.A. Aiban 65

Rock mass characterisation of Wadi Mujib dam site, Central Jordan
A. El-Naqa 81

Investigation of failure of highway embankment founded on Colluvium and suggested stabilization measures for reconstruction
A.S. Al-Homoud, S.K. Saket and A.I. Husein 95

Assessment of the failure mechanism of a highwall slope under spoil pile loadings at a coal mine
R. Ulusay and H. Aksoy 117

Prediction of engineering properties of a selected litharenite sandstone from its petrographic characteristics using correlation and multivariable statistical techniques
R. Ulusay, K. Türeli and M.H. Ider 135

A statistical method to study the variability in strength parameters in an open pit
V.K. Singh, B.D. Baliga and B.B. Dhar 159

Urban geology: a case study of Tongchuan city, Shaanxi Province, China
D. Fuchu, L. Yuhai and W. Sijing 165

Discussions

Geology of the Chinese nuclear test site near Lop Nor, Xinjiang, Uygur Autonomous Region, China, by John R. Matzko
W.A. Charlie, G.E. Veyera, D.S. Durnford and D.O. Doehring 177

Rock fracture-toughness determination by the Brazilian test, by H. Guo, N.I. Aziz, L.C. Schmidt
X.L. Zhao, R.J. Fowell, J.-C. Roegiers and C. Xu 181

Special Issue: **DEEP-SEATED LANDSLIDES AND LARGE-SCALE ROCK AVALANCHES**

Introduction to the Special Issue of the Symposium on Deep-seated Landslides and Large-scale Rock Avalanches
N. Oyagi, M. Sorriso-Valvo, B. Voight 187

Relationship of the landslide distribution to geology in Hokkaido, Japan
H. Yamagishi, Y. Ito 189

Geohistorical development of the Tochiyama landslide in north-central Japan
K. Chihara, S. Iwanaga, K. Ito, T. Ogawa, K. Hayatsu, K. Kosuge 205

Deep-seated rockslide-avalanches preceded by mass rock creep of sedimentary rocks in the Akaishi Mountains, central Japan
M. Chigira, K. Kiho 221

Deep-seated gravitational slope deformations, related landslides and tectonics
F. Dramis, M. Sorriso-Valvo 231
Slope movement crisis on the east flank of Mt. Etna volcano: Models for eruption triggering and forecasting
J.B. Murray, B. Voight, J.-P. Glot 245
Lessons from Ontake-san: A comparative analysis of debris avalanche dynamics
B. Voight, J. Sousa 261

Contents Volume 38 (1994) 299